BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to : **Original / Duplicate**

Name of the work:- Construction of 1st Floor Samudaya Bhavana Building at Hegdenagara (Near Dry Waste Collection Centre) in Ward No. 06, Byatarayanapura Sub Division.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	1320.00	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum	127.20	Rupees One Hundred Twenty Seven and Twenty Paise Only
2	91.59	KSRB 6-5.3 : Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Cum	6830.64	Rupees Six Thousand Eight Hundred Thirty and Sixty Four Paise Only
3	57.60	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams.	Cum	6214.78	Rupees Six Thousand Two Hundred Fourteen and Seventy Eight Paise Only
4	7.20	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.	Qtl	58229.25	Rupees Fifty Eight Thousand Two Hundred Twenty Nine and Twenty Five Paise Only
5	448.00	KSRB 14.10.1 : Flooring with 25mm to 40mm thick polished tandur blue stone slabs using mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications.	Sqm	1129.96	Rupees One Thousand One Hundred Twenty Nine and Ninety Six Paise Only
6	416.00	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	193.98	Rupees One Hundred Ninety Three and Ninety Eight Paise Only
7	776.50	KSRB 15.3.11 :Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (Inside wall)	Sqm	235.32	Rupees Two Hundred Thirty Five and Thirty Two Paise Only
8	1192.50	KSRB 15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications.	Sqm	25.44	Rupees Twenty Five and Forty Four Paise Only
9	1382.42	KSRB 15.3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (Out side Wall)	Sqm	260.76	Rupees Two Hundred Sixty and Seventy Six Paise Only
10	637.60	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Do 0 to 5 mtrs Specification	Sqm	572.40	Rupees Five Hundred Seventy Two and Forty Paise Only
11	7.53	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications.	Sqm	278.78	Rupees Two Hundred Seventy Eight and Seventy Eight Paise Only

No corrections - Nil

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E.E. (BTP. DIV)

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Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
12	379.62	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.	Sqm	239.56	Rupees Two Hundred Thirty Nine and Fifty Six Paise Only
13	7.92	Supply and fixing pressed steel door frames size 125x65 mm manufacture from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and sutters made out of seasoned honne wood, styles of 30mm, thick with lock rail of 160mm, width, top and side rails of 100mm, width width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be not proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years, this shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting wit enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc, complete the hollow portion of the frame to be filled with cement concrete1:2:4. Front Door, Staircase Room Doors and □□□□□□□□□	Sqm	3710.00	Rupees Three Thousand Seven Hundred Ten Only
16	44.28	KSRB 7.10 : Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick bottom section weight 0.695 Kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg/m, shutter outer side 40mmx18mm, 1.25mm, thick, weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc ; and providing and fixing 5.5mm, thick plain glass for shutters fitted with rubber beading aluminium section anodised 12 to 15 microns, including cutting to required length, joints mitred subdividing the frame tenonned and riveted in the assembled frame stiffened with end clops at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with□□□□□□□□

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
23	1192.50	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foregin matter including preparing the surface even and sand paper smooth, cost of materials, labours, complete as per specifications	Sqm	69.96	Rupees Sixty Nine and Ninety Six Paise Only
24	1382.42	KSRB 15-16.1: providing and finishing external walls in tow coats with water proof cement paint of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, complete as per specifications with Primer	cum	83.74	Rupees Eighty Three and Seventy Four Paise Only
25	106.63	KSRB 14.14.2: Providing colour glazed tiles of size 10mm thick for flooring, treads of steps and landing, laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing using white cement with matching colour pigment, including cost of materials, labour, complete as per specifications.	Sqm	1504.14	Rupees One Thousand Five Hundred Four and Fourteen Paise Only
26	25.92	KSRB 14.18.1: Providing skirting, dado, rises of steps with marble slabs not exceeding 30 cms. height on 10 cms. thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface white should be measured and paid separately) using marble slab of approved make and size of materials, labour, complete as per specifications.	Sqm	3319.92	Rupees Three Thousand Three Hundred Nineteen and Ninety Two Paise Only
27	80.00	KSRB 8.6-7: Providing and fixing in wall surface 4 kg/sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes bends and offsets fixed with iron clamps, walls plugs, screws, including cost of materials, labour, complete as per specifications.	m	451.56	Rupees Four Hundred Fifty One and Fifty Six Paise Only
28	3.00	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal Type) with black solid plastic seat and lid, C. P. brass hinges, rubber buffers. 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labours complete as per specifications.	Each	5279.86	Rupees Five Thousand Two Hundred Seventy Nine and Eighty Six Paise Only
29	200.00	KSRB :13-8.3 : Providing and fixing to wall, ceiling and floor, low density poluethylene pipes kgs/sq.cm working pressure 32mm outside diameter, compression type fittings, wall clips, making good the wall ceiling and floor cost of materials, labour charges HOM of equipments and testing exeluding cost of fittings,complete as per specifications	Rmts	193.98	Rupees One Hundred Ninety Three and Ninety Eight Paise Only
30	100.00	KSRB 13-1.4 : Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 32mm dia nominal bore with fittings (medium grade weight 3.23 kg/mtr)	Each	366.76	Rupees Three Hundred Sixty Six and Seventy Six Paise Only
31	7.00	KSRB 13-6.3.5: Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	1007.00	Rupees One Thousand Seven Only
32	15.00	KSRB 13-6.6.1: Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 300 mm length of PVC connection including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Set	890.40	Rupees Eight Hundred Ninety and Forty Paise Only
33	20.00	KSRB 13-6.1.2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	192.44	Rupees One Hundred Ninety Two and Forty Four Paise Only
34	2000.00	Supppying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner white layer of approved quality and make, conforming to ISI / ISO / SSI specifications,	L	6.36	Rupees Six and Thirty Six Paise Only
35	250.00	**Groove Cutting :** Supplying ... dia 2mm/2.5mm thick heavy gauage PVC Conduit Pipe with bends metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary **19/20 mm dia 2mm thick**	Mtrs	43.00	Rupees Forty Three Only
36	175.00	25 mm dia 2mm thick	Mtrs	53.00	Rupees Fifty Three Only
37	8.00	Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutting necessary masonry patch work complete. **KPWD SR 2010-11 (P-3, I-6) 10"X7"X3" (300X228X76mm)**	Each	68.00	Rupees Sixty Eight Only

No of corrections - Nil

16/01

E.E. (BTP. DIV)

16/01

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
38	8.00	8"X6"X3" (300X228X76mm)		52.00	Rupees Fifty Two Only
39	35	Supplying and fixing PVC/metal conduit accessories special type Junction Box **32 mm Junction Box**	Each	29.00	Rupees Twenty Nine Only
40	50	Deep 32 mm Junction Box		33.00	Rupees Thirty Three Only
41	30	Fan Box 18 /SWG		57.00	Rupees Fifty Seven Only
42	10	Point Wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit / casing caping using Copper PVC insulated multi strand 2x1.5 Sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet gang box the other end of the wires shall be terminated with sufficient loose length in a wood PVC round block complete for each outlet **KPWD SR 2010-11 (P.3/I.8) Point Wiring using Class A Materials a) Short point upto 3Mtr from tapping point to out let via switch**	Each	175.00	Rupees One Hundred Seventy Five Only
43	25	b) Medium point above 3mtr upto 6mtr from tapping point to out let via switch	Each	260.00	Rupees Two Hundred Sixty Only
44	35	C) Long point above 6mtrs upto 10mtrs from tapping point to outlet via switch	Each	368.00	Rupees Three Hundred Sixty Eight Only
45	20	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate 1-3 Way	Each	90	Rupees Ninety Only
46	6	4-5Way	Each	100	Rupees One Hundred Only
47	15	6Way		175.00	Rupees One Hundred Seventy Five Only
48	10	8 Way		195.00	Rupees One Hundred Ninety Five Only
49	10	10-12Way		210.00	Rupees Two Hundred Ten Only
50	20	Supplying and fixing superior quality modula switch mounting polyorbonate plate with cecessary supporting back plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal/PVC box **1 to 3 Modular**	Each	82.00	Rupees Eighty Two Only
51	10	4 Modular		100.00	Rupees One Hundred Only
52	15.00	6 Modular		125.00	Rupees One Hundred Twenty Five Only
53	8.00	8 Modular		175.00	Rupees One Hundred Seventy Five Only
54	10.00	12 Modular		230.00	Rupees Two Hundred Thirty Only
55	105.00	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate **6Amps one way.**	Each	96.00	Rupees Ninety Six Only
56	40.00	6Amps 3way Socket.		165.00	Rupees One Hundred Sixty Five Only
57	15.00	Stepped Fan Regulator		530.00	Rupees Five Hundred Thirty Only
58	15.00	16 Amps one way switch		132.00	Rupees One Hundred Thirty Two Only

No of corrigenda -Nil

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Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
59	3.00	6Amps Bell push		115.00	Rupees One Hundred Fifteen Only
60	15.00	6/16 Amps univesla Socket		205.00	Rupees Two Hundred Five Only
61	8.00	TV / Telephone Socket		115.00	Rupees One Hundred Fifteen Only
62	8.00	Rj45/IO Oulet		525.00	Rupees Five Hundred Twenty Five Only
63	150.00	Wiring for lighting power curcuit using one of PVC insluated 1100v grade multistrand copper conductor single core cable in open or concealed system of wiring **1.5 Sqmm**	Mtrs	150.00	Rupees One Hundred Fifty Only
64	1900.00	2.5 Sqmm		25.00	Rupees Twenty Five Only
65	1900.00	4 Sqmm		32.00	Rupees Thirty Two Only
66	750.00	6 Sqmm		52.00	Rupees Fifty Two Only
67	25.00	Supplying an fixing one of 230 volts PBBC bakelite staight or slant batten holder and wiring with in 60w/230 Volts lamps	No	60.00	Rupees Sixty Only
68	15.00	Extra for supplying 4mm thick white plastic plate and convering for juncrtion boxese or size 80mm conduit using necessary machine screws **8mm**	No	6.48	Rupees Six and Forty Eight Paise Only
69	5000.00	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulatoirs etc and fixing on existing wooden or metal box using NF screws	Sqcm	0.22	and Twenty Two Paise Only
70	30.00	Supply patty type fluorescent tube light fitting of 4' - 36/40 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter, locking, locking type brass contact holder mounted on double fold type sheet base fully wired for used on 230 Volts A C Supply including fluouresecent tube **Group 'A'**	Each	675.00	Rupees Six Hundred Seventy Five Only
71	15.00	Supplying of Incandescent lamps **B.C. 100Watts**	Each	14.00	Rupees Fourteen Only
72	15.00	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system KPWD SR 2007-08 (P-23, I-23) Regulator Model (Khaitan, Crompton Geaves, Orient, Polar, Bajaj, Usha, Havells, Almonard **Regular Model**	Each	1800.00	Rupees One Thousand Eight Hundred Only
73	8.00	Supplying wall mounting fan suitable to operat		24000.00	Rupees ~~Twenty Four~~ Two Thousand ~~Only~~ four hundred only
74	8.00	Supplying and fixing superior quality modula switch mounting polyorbonate plate with ncecessary supporting back plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal/PVC box **KPWD 1 to 3 Modular**	Each	82.00	Rupees Eighty Two Only
75	16.00	8 Modular		175.00	Rupees One Hundred Seventy Five Only
76	8.00	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate KPWD SR 2010-11 (P.8/I.18) 6Amps one way.	Each	96.00	Rupees Ninety Six Only
77	6.00	6Amps 3way Socket.		165.00	Rupees One Hundred Sixty Five Only
78	3.00	Supplying and fixing 32Amps security and energy savings DP switch with key tag suitable to operate on 230 Volts 50Hz AC supply & completely wired on existing box **Group A**	Each	630.00	Rupees Six Hundred Thirty Only
79	3.00	Supplying an fixing one of 230 volts PBBC bakelite staight or slant batten holder and wiring with in 60w/230 Volts lamps	No	60.00	Rupees Sixty Only
80	3.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required **5-32 Amps**	Each	560.00	Rupees Five Hundred Sixty Only

No of corrections - Nil

16/01

E.E. (BTP. DIV)

16/01

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
81	3.00	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc **20"x20"x2.5"**	Each	285.00	Rupees Two Hundred Eighty Five Only
82	2.00	Supplying and fixing of porcelain fuse channel with cut out on existing wooden /panel using necessary nuts, bolts and washers etc complete **32 Amps**	Each	100.00	Rupees One Hundred Only
83	80.00	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.**P No. 68/ I No. 4(d) 4 core 16 Sqmm**	Mtr	215.00	Rupees Two Hundred Fifteen Only
84	80.00	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, **P No. 69 / I No. Ia In existing trencg/duct 6Sqmm to 16 Sqmm)**	Mtr	11.00	Rupees Eleven Only
85	50.00	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete (as per **For Cutting Road Surface**	Mtr	40.00	Rupees Forty Only
	20.00		Mtr	60.00	Rupees Sixty Only
86	100.00 (160)	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class **40mm dia GI pipe**	Mtr	240.00	Rupees Two Hundred Forty Only
87	1.00	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., **P 16Sqmm**	No.	286.00	Rupees Two Hundred Eighty Six Only
88	2.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (PWD Electrical SR-1999-2000,	No	3000.00	Rupees Three Thousand Only
89	230.00	Supplying and drawing UTP-CAT -E LAN calve (49/31)	Nos	35.00	Rupees Thirty Five Only
90	1.00	1HP Submercible centrifugal force pump of approved make with all necessary fittings including wiring switch board, starter etc., and Electronic Automatic Equipment (Programmable Logic Control)	LRQ	18000.00	Rupees Eighteen Thousand Only

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Executive Engineer
Byatarayanapura Division
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Note:

1. Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)
2. Unit rates and prices shall be quoted by the Tender in Indian rupees.
3. Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)
4. Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))

" DTS Approved
With Corrections @ I.Nos 73 & 86 "

16.01.17